



INTERNATIONAL WORKSHOP ON COMPUTER SIMULATION METHODS (IWCSM-2023)

16th - 20th October, 2023

National Institute of Technology Mizoram, Aizawl-796012, Mizoram

The objective of this workshop is to highlight the potential of multiscale modeling in understanding and tailoring material properties for specific technological uses. Primary focus will be on methodologies based on molecular dynamics and density functional theory. Particular emphasis will be given on the collaborative relationship between experiments and theory. A 5-day workshop consisting of a hands-on training of the program based on density functional theory.

Registration

The level of workshop is appropriate for 4th year B Tech, M Tech, M.Sc. and Ph.D. students from universities/institutes. Registration can be made online on the given link (No Registration Fee). Background in LINUX is helpful for hands-on sessions.

SIESTA Team : Prof. Ravi Pandey (Michigan Tech), Prof. M L Verma (SSTC, Bhilai)
Prof. Ashok Kumar (CUP, Bhatinda), Prof. Keshav Rao (SSTC, Bhilai)
Prof. Munish Sharma (MAU, Solan), Dr. Neha Katoch (CUHP, Shimla)

Invited Speakers: Prof. Avinash Pandey, IUAC Delhi
Prof. Sanjay Tiwari, M P Bhoj Open University, Bhopal.
Prof. Munima Saharia, Tejpur
Prof. Anupam Jha, Silchar

Important Dates :

Registration Open : 31st August 2023
Registration Closes : 30th Sept. 2023
Intimation letter : 05th Oct. 2023

Advisory Committee :

Prof. Ravindra Pandey, Michigan Technological University, USA
Prof. T. K. Nath, IIT Kharagpur, India
Prof. A. Perumal, IIT Guwahati, India
Prof. G. D. Verma, IIT Roorkee, India
Prof. V. Subramanian, IIT Madras, India
Prof. R. N. P. Chaudhary, ITER Bhubaneshwar, India
Prof. A. K. Ghosh, IACS Kolkata, India
Prof. V. K. Rai, IIT (ISM) Dhanbad, India
Prof. A. C. Pandey, IUAC Delhi, India
Prof. S. N. Shukla, Pt. R. S. Shukla University Raipur, India
Prof. Sanjay Tiwari, M P Bhoj Open University Bhopal, India
Prof. P. K. Bajpai, G. G. University Bilaspur, India
Prof. Lakshman Pandey, RDVV Jabalpur, India
Prof. Rakesh Bajpai, RDVV Jabalpur, India
Prof. R. S. Gedam, VNIT Nagpur, India
Prof. Ayon Bhattacharjee, NIT Meghalaya, India
Dr. Ashok Kumar, NPL Delhi, India
Dr. O. P. Thakur, SSPL DRDO Delhi, India

Link For Registration:

Google Form Link :

<https://forms.gle/uvQqoiY6giWRP9gG6>

(30 Participants, preference will be given to the students pursuing PhDs)

Contact: Prof. Alok Shukla, Convener
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Organizing committee :

Patron: Prof. S. Sundar, Director, National Institute of Technology Mizoram, Aizawl

Convener: Prof. Alok Shukla, National Institute of Technology Mizoram, Aizawl

Coordinator: Dr. Sandeep Kumar Dash, National Institute of Technology Mizoram, Aizawl

Local Organizing Committee: Prof. Ajmal Koya Pulikkal, National Institute of Technology Mizoram, Aizawl
Dr. K.Gyanendra Singh, National Institute of Technology Mizoram, Aizawl
Dr. Shuchi, National Institute of Technology Mizoram, Aizawl
Dr. Surender Ontela, , National Institute of Technology Mizoram, Aizawl
Dr. Vinay Singh, National Institute of Technology Mizoram, Aizawl
Dr. L. Thansanga, National Institute of Technology Mizoram, Aizawl